

DERWENT- 1996-092639  
ACC-NO:

DERWENT- 199838  
WEEK:

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**TITLE:** Electrode for projection welding - has chucking magnet place in workpiece fitting hole in its tip, and electrical conduction detector connected to magnet

**PATENT-ASSIGNEE:** AOYAMA Y[AOYAI]

**PRIORITY-DATA:** 1994JP-0165743 (June 13, 1994)

**PATENT-FAMILY:**

<b>PUB-NO</b>	<b>PUB-DATE</b>	<b>LANGUAGE</b>	<b>PAGES</b>	<b>MAIN-IPC</b>
JP 08001353 A	January 9, 1996	N/A	003	B23K 011/30
JP 2789020 B2	August 20, 1998	N/A	003	B23K 011/30

**APPLICATION-DATA:**

<b>PUB-NO</b>	<b>APPL-DESCRIPTOR</b>	<b>APPL-NO</b>	<b>APPL-DATE</b>
JP 08001353A	N/A	1994JP-0165743	June 13, 1994
JP 2789020B2	N/A	1994JP-0165743	June 13, 1994
JP 2789020B2	Previous Publ.	JP <u>8001353</u>	N/A

**INT-CL (IPC):** B23K011/24, B23K011/30

**ABSTRACTED-PUB-NO:** JP 08001353A

**BASIC-ABSTRACT:**

A chucking magnet is placed in the workpiece-fitting hole formed in the tip section of the electrode. An electrical conduction detection circuit is connected to the magnet.

**ADVANTAGE** - The fitting of the workpiece can be detected positively.

**CHOSEN- Dwg.1/4**  
**DRAWING:**

**TITLE-** ELECTRODE PROJECT WELD CHUCK MAGNET PLACE  
**TERMS:** WORKPIECE FIT HOLE TIP ELECTRIC CONDUCTING  
DETECT CONNECT MAGNET

**DERWENT-CLASS:** M23 P55 X24

**CPI-CODES:** M23-D02B2;

**EPI-CODES:** X24-C09;

**SECONDARY-ACC-NO:**

**CPI Secondary Accession Numbers:** C1996-029568

**Non-CPI Secondary Accession Numbers:** N1996-077697